

## TRANSIT EXPANSION STUDY

# Ballard to Downtown Seattle

## OPEN HOUSE

December 5, 2013

Ballard High School

### AGENDA

5:30 – 7:30 p.m.	Open House
6:15 p.m.	Remarks by Mayor Mike McGinn
7:30 p.m.	Meeting adjourned

## WELCOME!

Thank you for joining us tonight.

### Visit stations around the room to:

- Hear how public input from June was incorporated into the study
- Understand the results of the Level 2 technical analysis
- Provide your input on potential rail corridors and options

Your input informs how the potential rail corridors are documented in Sound Transit's Long Range Plan and supports implementation of the City of Seattle's Transit Master Plan. We encourage you to complete the comment form enclosed in your handout and drop it in the comment boxes on the tables in the center of the room.



### Project Overview

Since early 2013, Sound Transit and the City of Seattle have been partnering on a conceptual-level study of possible rail transit improvements between Ballard and Downtown Seattle. This partnership allows Sound Transit and the City of Seattle to increase efficiencies and save planning dollars during the project's development phase.

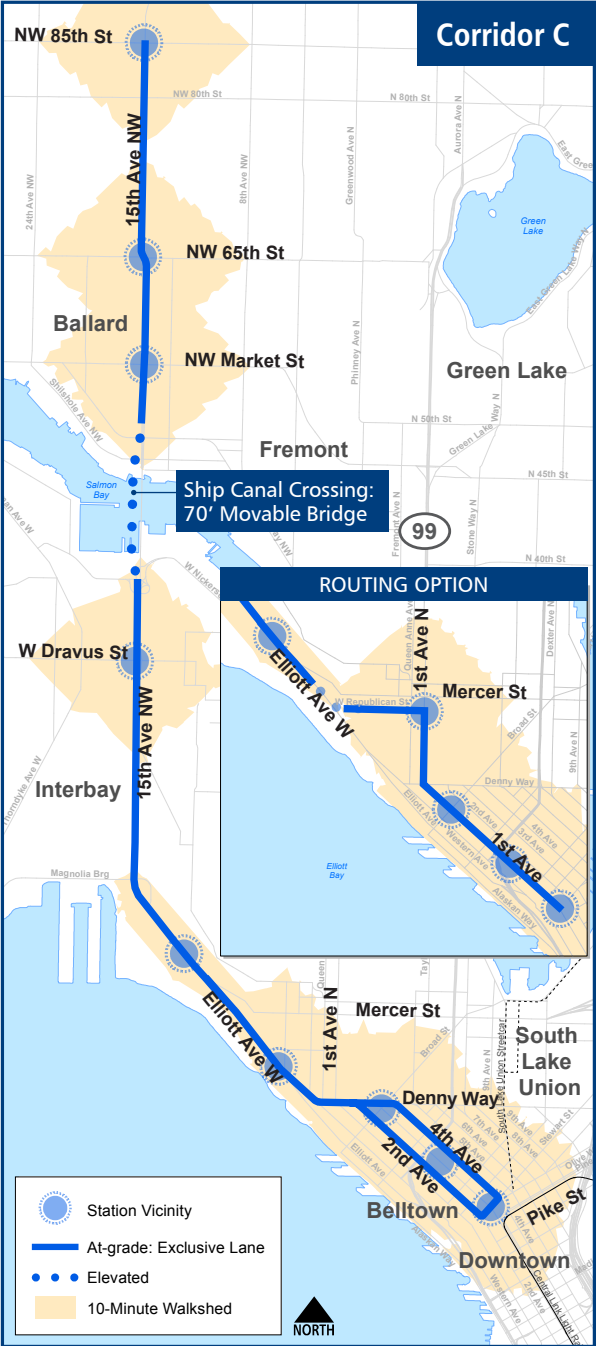
While any potential future transit extensions would be subject to both Sound Transit and City policy decisions and identification of funding sources, it is important that planning in this corridor accurately reflects travel patterns made by area residents and businesses. Ongoing outreach to community groups and public input solicited throughout the course of the study helps the project team evaluate corridors that serve Ballard, Fremont, Queen Anne, Interbay, Belltown, and/or Downtown Seattle.

The first two open houses and interactive online tools were very successful. In March, nearly 420 people provided input on study goals and objectives, commute origins and destinations, and ideas for potential routes. Following this open house, the project team evaluated public feedback and conducted a technical analysis of possible alignments for future transit between Ballard and Downtown Seattle.

Eight preliminary corridors were identified and shared with the public at a second open house in June. More than 1,350 people provided feedback on their preferred corridor, Ship Canal crossing, Downtown Seattle connection, and other study elements. Since then, the project team has been busy at work reviewing the wealth of public input and refining the technical analysis and potential corridors.

Tonight you have the opportunity to view and comment on five refined corridors and the technical analysis of these corridors. After public input is collected, the project team will summarize, document, and present their findings to the City of Seattle leadership and Sound Transit Board for possible future action. Your feedback will inform how these corridors are documented in this study's final report.

# CORRIDORS IDENTIFIED IN THE LEVEL 2 ANALYSIS



**Interbay West/Ship Canal Tunnel**

**Capital Cost (million)**  
Market St to Downtown Seattle: \$3,200 - 3,600  
With Crossing Option: \$2,800 - 3,200

**Peak Period Travel Time:**  
Market St to Downtown Seattle: 13 - 15 min

**Daily Ridership**  
Market St to Downtown Seattle: 24,000 - 28,000

**15th Avenue/Elevated**

**Capital Cost (million)**  
Market St to Downtown Seattle: \$2,400 - 2,800  
Extension to NW 85th St: + ~\$150

**Peak Period Travel Time:**  
Market St to Downtown Seattle: 11-13 min  
Extension to NW 85th St: + 4 - 5 min

**Daily Ridership**  
Market St to Downtown Seattle: 22,000 - 26,000  
Extension to NW 85th St: + 5,000

**15th Avenue/At-grade**

**Capital Cost (million)**  
Market St to Downtown Seattle: \$800 - 1,200  
With Routing Option: \$800 - 1,200  
Extension to NW 85th St: + ~\$150

**Peak Period Travel Time:**  
Market St to Downtown Seattle: 15 - 19 min  
Extension to NW 85th St: + 4 - 5 min

**Daily Ridership**  
Market St to Downtown Seattle: 14,000 - 18,000  
Extension to NW 85th St: + 4,000

**Queen Anne Tunnel**

**Capital Cost (million)**  
Market St to Downtown Seattle: \$3,200 - 3,600

**Peak Period Travel Time:**  
Market St to Downtown Seattle: 12 - 14 min

**Daily Ridership**  
Market St to Downtown Seattle: 26,000 - 30,000

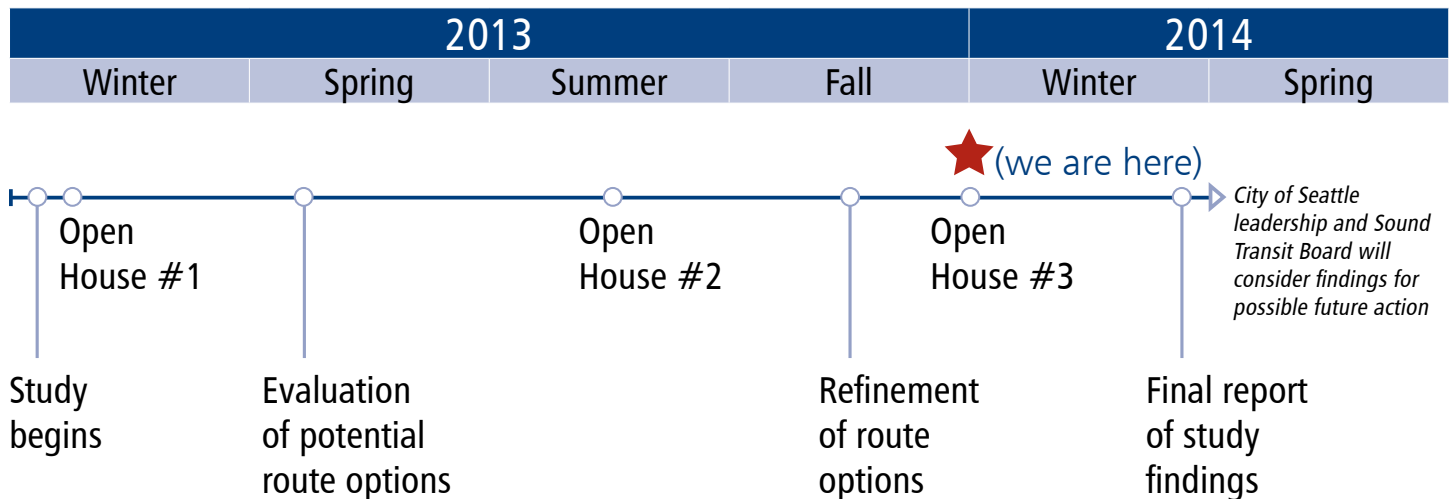
**Westlake/Ship Canal Tunnel**

**Capital Cost (million)**  
Market St to Downtown Seattle: \$800 - 1,200  
With Crossing Option: \$400 - 800  
Extension to NW 85th St: + ~\$100

**Peak Period Travel Time:**  
Market St to Downtown Seattle: 17 - 21 min  
Extension to NW 85th St: + 4 - 5 min

**Daily Ridership**  
Market St to Downtown Seattle: 14,000 - 18,000  
Extension to NW 85th St: + 2,000

# STUDY TIMELINE AND PROCESS



\*Schedule is subject to change.

**This study supports future Sound Transit Board discussions on long-range high capacity transit options and implementation of the Seattle Transit Master Plan by examining rapid streetcar alternatives.**

## Sound Transit's Long-Range Plan

Sound Transit's Long-Range Plan, an on-going plan adopted in 2005, identifies a future rail corridor operating primarily in an exclusive right of way between downtown Seattle and Ballard that can provide a high level of passenger capacity, speed and service frequency. Sound Transit recently hosted a series of public scoping meetings to engage Puget Sound residents in deciding where regional mass transit could expand after current voter-approved projects are complete in 2023. This study supports the Sound Transit Board of Directors in updating the Regional Transit Long-Range Plan. Based on public input received throughout the study, the Board could consider options to include alternatives from this study in further high capacity transit corridor planning or in an update to the Long-Range Plan.

## City of Seattle's Transit Master Plan

In April 2012, the Seattle City Council adopted the Transit Master Plan (TMP), which focuses on using transit to connect communities in the City of Seattle. The TMP identified five corridors for investment and the Ballard to downtown Seattle corridor will be the first one studied. The TMP also identified this as a rail corridor.





# TRANSIT EXPANSION STUDY

## Ballard to Downtown Seattle

### December 5, 2013 Open House Comment Form

1. What do you think is the most important factor in evaluating rail options between Ballard and Downtown Seattle? (Check one.)

- |   |  |
|---|--|
| <input type="checkbox"/> Ridership                          | <input type="checkbox"/> Cost                                      |
| <input type="checkbox"/> Reliability                        | <input type="checkbox"/> Cost Effectiveness                        |
| <input type="checkbox"/> Travel Time Improvement            | <input type="checkbox"/> Complexity (Risk/Construction Challenges) |
| <input type="checkbox"/> Disruption to Other Modes          | <input type="checkbox"/> Environmental Effects                     |
| <input type="checkbox"/> Station Area Development Potential |  |

2. **Corridor A: Interbay West / Ship Canal Tunnel**

What do you like about Corridor A?

---

---

---

What do you dislike about Corridor A?

---

---

---

3. **Corridor B: 15th Avenue / Elevated**

What do you like about Corridor B?

---

---

---

What do you dislike about Corridor B?

---

---

---

4. **Corridor C: 15th Avenue / At-Grade**

What do you like about Corridor C?

---

---

---

What do you dislike about Corridor C?

---

---

---

#### ***Corridor C Routing Option***

Which routing option do you prefer?

- ☐ Corridor C as shown, with stations on Elliott Ave W and on 2nd and 4th Avenues Downtown
- ☐ Routing option with stations on 1st Ave N at Mercer St and on 1st Ave Downtown

Why?

---

---

**5. Corridor D: Queen Anne Tunnel**

What do you like about Corridor D?

---

---

---

What do you dislike about Corridor D?

---

---

---

**6. Corridor E: Westlake / Ship Canal Tunnel**

What do you like about Corridor E?

---

---

---

What do you dislike about Corridor E?

---

---

---

**7. Which of the five corridors do you feel provides the best configuration for future rail transit between Ballard and Downtown Seattle? (Check one)**

- ☐ Corridor A: Interbay West / Ship Canal Tunnel
- ☐ Corridor B: 15th Avenue / Elevated
- ☐ Corridor C: 15th Avenue / At-Grade
- ☐ Corridor D: Queen Anne Tunnel
- ☐ Corridor E: Westlake / Ship Canal Tunnel

Please explain why you selected this corridor.

---

---

---

**8. We welcome any additional ideas, comments and questions on the Ballard to Downtown Seattle Transit Expansion Study.**

---

---

---

---

---

**Contact information (optional)**

Name: \_\_\_\_\_ Organization or affiliation (if applicable): \_\_\_\_\_

Email address: \_\_\_\_\_ Phone number: \_\_\_\_\_

Would you like to be emailed about future updates on the Ballard to Downtown Seattle Transit Expansion Study?





































































☐ Yes ☐ No

Please return this comment form before you leave the meeting, or mail it to us at:

Sound Transit  
c/o Ryan Bianchi  
401 S Jackson Street  
Seattle, WA 98104

Thank you for taking the time to share your feedback!

# LEVEL 2 EVALUATION RESULTS

		CORRIDOR							
		A		B	C		D	E	
		Interbay West		15th Avenue/ Elevated	15th Avenue/At-grade		Queen Anne Tunnel	Westlake	
		Tunnel Crossing Option	70' Bridge Crossing Option		2nd/4th Ave Routing Option	1st Ave Routing Option		Tunnel Crossing Option	70' Bridge Crossing Option
	Ridership								
	Reliability								
	Travel Time Improvement								
	Disruption to Other Modes								
	Station Area Development Potential								
	Cost								
	Cost Effectiveness								
	Complexity (Risk/Construction Challenges)								
	Environmental Effects								
<div><div></div><div>Lower Performing</div><div>Higher Performing</div></div>									